

an attachment means for attaching said shaft holder to the surface.

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37. The apparatus as described in claim 36, wherein said attachment means includes said threaded rod and said nut, and attaches said shaft holder to the surface by passing said threaded rod through said first hole and through a hole in the surface, and securing said nut on a portion of said threaded rod that extends below the surface.

38. The apparatus as described in claim 37, wherein said attachment means further includes a clamping plate located below the surface and having a centrally located hole therein, said threaded rod passing through said centrally located hole, and said nut being secured on said threaded rod below said clamping plate so as to push said clamping plate against the surface.

39. The apparatus as described in claim 37, wherein said attachment means further includes at least one buffering pad positioned between the bottom of said shaft holder and the surface.

40. The apparatus as described in claim 38, wherein said attachment means further includes at least one buffering pad positioned between the surface and said clamping plate.

41. The apparatus as described in claim 36, wherein said attachment means includes a first member having a first flange and a second flange generally perpendicularly attached to said first flange, said first flange having a second hole formed therein, and said first member attached to said shaft holder by passing said threaded rod through said second hole and said first hole and securing said nut on said threaded rod.

42. The apparatus as described in claim 41, wherein said attachment means further includes at least one screw and at least a third hole formed in said second flange, and said attachment means is attached to the surface by screwing said at least one screw through said at least a third hole and into the surface.

43. The apparatus as described in claim 41, wherein said attachment means further includes

at least a third hole formed in said second flange;

a second member having a third flange and a fourth flange generally perpendicularly attached to said third flange, said third flange having a fourth hole formed therein, and said fourth flange having at least a fifth hole formed therein;

a clamping mechanism including a clamping plate and an adjustment means engageable with said clamping plate, and

at least one screw, wherein said first member is attached to said second member by screwing said at least one second screw through said third hole and said fifth hole, and said shaft holder is attached to the surface by clamping said surface between said first flange and said clamping plate, said adjustment means passing through said fourth hole and engaging and pushing said clamping plate into the surface.

44. The apparatus as described in claim 41, wherein the surface is a panel wall having vertically aligned slots, and said attachment means further includes

at least a third hole formed in said second flange;

a bracket having a plurality of hooks adapted to engage the vertically aligned slots, and at least a fourth hole formed therein, said bracket being mounted to the surface by engaging said plurality of hooks with vertically aligned slots; and

at least one bolt, wherein said at least one bolt is passed through said at least a third hole and through said at least a fourth hole to secure said bracket to said first member.

45. The apparatus as described in claim 44, wherein said attachment means further includes at least a fifth hole formed in said bracket, and at least one screw which is passed through said ~~at least a fifth hole to engage with the panel wall.~~

46. The apparatus as described in claim 45, wherein said attachment means further comprises a plate, said plate being positioned between the panel wall and said bracket to prevent damage to the panel wall from said at least one screw.

47. The apparatus as described in claim 46, wherein said plate includes at least one tab for engaging at least one of the vertically aligned slots, and at least a sixth hole for passing said at least one bolt through so as to connect said plate to said bracket and said first member.

48. The apparatus as described in claim 41, wherein the surface is a slat wall having only upwardly facing slats, and said attachment means further includes

at least a third hole formed in said second flange;

a first bracket having a third flange and a fourth flange substantially perpendicularly attached to said third flange, said fourth flange having a lip adapted to engage one of said upwardly facing slats, said third flange having at least a fourth hole, at least a fifth hole, and at least one slot;

at least a first bolt for attaching said first bracket to said first member by passing said at least a first bolt through ~~said at least a fourth hole and said at least a third hole;~~

at least a first screw for connecting said first bracket to the slat wall by passing said at least a first screw through said at least a fifth hole and engaging the slat wall;

a second bracket having a fifth flange, a sixth flange substantially perpendicularly attached to said fifth flange, and a seventh flange angularly connected to said fifth flange, said sixth flange having a lip adapted to engage one of said upwardly facing slats, said fifth flange having at least a sixth hole, and said seventh flange having at least a seventh hole;

at least a second bolt and corresponding nut for attaching said second bracket to said first bracket by passing said at least a second bolt through said at least a sixth hole and said at least one slot, and securing said corresponding nut on said at least a second bolt; and

at least a second screw for connecting said second bracket to the slat wall by passing said at least a second screw through said at least a seventh hole and engaging the slat wall.

49. The apparatus as described in claim 41, wherein the surface is a slat wall having upwardly facing slats and downwardly facing slats, and said attachment means further includes

at least a third hole formed in said second flange;

a first bracket having a third flange and a fourth flange substantially perpendicularly attached to said third flange, said

fourth flange having a lip adapted to engage one of said upwardly facing slats, said third flange having at least a fourth hole, at least a fifth hole, and at least one slot;

at least a first bolt for attaching said first bracket to said first member by passing said at least a first bolt through said at least a fourth hole and said at least a third hole;

at least a first screw for connecting said first bracket to the slat wall by passing said at least a first screw through said at least a fifth hole and engaging the slat wall;

a second bracket having a fifth flange and a sixth flange substantially perpendicularly attached to said fifth flange, said fifth flange having at least a sixth hole, and said sixth flange having a lip adapted to engage one of said downwardly facing slats and at least a seventh hole;

at least a second bolt and corresponding nut for attaching said second bracket to said first bracket by passing said at least a second bolt through said at least a sixth hole and said at least one slot, and securing said corresponding nut on said at least a second bolt; and

at least a second screw for connecting said second bracket to the slat wall by passing said at least a second screw through said at least a seventh hole and engaging the slat wall. 7

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C1 7 50. A system for mounting a device to a surface using one of a plurality of devices that can be assembled from the system, the system comprising:

a shaft holder having a plurality of walls, a bottom having a first hole formed therein, and an open top so as to form a receptacle for receiving the device, wherein the device is removably insertable into said receptacle;

a plurality of threaded rods;

a nut;

a clamping plate having a second hole centrally located therein;

a first member having a first flange and a second flange generally perpendicularly attached to said first flange, said first flange having a third hole formed therein, and said second flange having at least a fourth hole formed therein; and

a second member having a third flange and a fourth flange generally perpendicularly attached to said third flange, said third flange having a fifth hole formed therein, and said fourth flange having at least a sixth hole formed therein.

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C4 7 51. The system as described in claim 50, wherein the plurality of devices includes a clamp mount, a wall mount, and a flat mount.

52. The system as described in claim 51, wherein said flat mount is assembled by placing shaft holder above the surface and the clamping plate below the surface, passing one of said plurality of threaded rods through said first hole, through the surface, through said second hole, and screwing said nut on said threaded rod.

53. The system as described in claim 51, wherein said wall mount is assembled by connecting said shaft holder to said first flange by passing a first one of said plurality of threaded rods through said third hole and said first hole, securing said nut on said first threaded rod, and screwing a second one of said plurality of threaded rods through said at least a fourth hole and into the surface.

54. The system as described in claim 51, wherein said clamp mount is assembled by

connecting said shaft holder to said first flange by passing a first one of said plurality of threaded rods through said third hole and said first hole, and securing said nut on said first threaded rod;

connecting said first member and said second member by aligning said second flange and said fourth flange, and screwing at least a second one of said plurality of threaded rods through ~~said at least a fourth hole and said at least a sixth hole;~~

locating said clamping plate below the surface, said first flange above the surface and said third flange below the clamping plate; and

screwing a third one of said plurality of threaded rods through said fifth hole so as to engage said clamping plate and push said clamping plate upward to engage the surface.

55. The system as described in claim 51, further comprising a bracket having a plurality of hooks adapted to engage vertically aligned slots on a panel wall, at least a seventh hole and at least an eighth hole;
at least one bolt.

56. The system as described in claim 55, wherein said wall mount is assembled by

connecting said shaft holder to said first flange by passing a first one of said plurality of threaded rods through said third hole and said first hole, and securing said nut on said first threaded rod;

attaching said bracket to said first member by passing said at least one bolt through said at least a seventh hole and said at least a fourth hole; and

mounting said bracket to the panel wall by engaging said plurality of hooks in the vertically aligned slots and screwing

at least a second one of said plurality of threaded rods through said at least an eighth hole to contact the panel wall.

57. The system as described in claim 55, further comprising a plate having at least two tabs and at least a ninth hole.

58. The system as described in claim 57, wherein said wall mount is assembled by:

connecting said shaft holder to said first flange by passing a first one of said plurality of threaded rods through said third hole and said first hole, and securing said nut on said first threaded rod;

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attaching said plate to said bracket, and said bracket to said first member by passing said at least one bolt through said at least ninth hole, said at least seventh hole and said at least fourth hole;

mounting said plate to the panel wall by engaging said at least two tabs in the vertically aligned slots; and mounting said bracket to the panel wall by engaging said plurality of hooks in the vertically aligned slots and screwing at least a second one of said threaded rods through said at least an eighth hole so as to push said plate into the panel wall.

59. The system as described in claim 51, further comprising:

a first bracket having a third flange and a fourth flange substantially perpendicularly attached to said third flange, said fourth flange having a first lip adapted to engage a first upwardly facing slot of a panel wall, said third flange having at least a seventh hole, at least an eighth hole, and at least one slot;

at least a first bolt for attaching said first bracket to said first member by passing said at least a first bolt through said at least a fourth hole and said at least a third hole;

at least a first screw;

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a second bracket having a fifth flange, a sixth flange substantially perpendicularly attached to said fifth flange, and a seventh flange angularly connected to said fifth flange, said sixth flange having a second lip adapted to engage a second upwardly facing slot, said fifth flange having at least a ninth hole, and said seventh flange having at least a tenth hole;

at least a second bolt and corresponding nut; and

at least a second screw.

60. The system as described in claim 59, wherein said wall mount is assembled by:

connecting said shaft holder to said first flange by passing a first one of said plurality of threaded rods through said third hole and said first hole, and securing said nut on said first ~~threaded cylindrical rod;~~

attaching said first bracket to said first member by passing said at least one bolt through said at least a seventh hole and through said at least fourth hole;

connecting said first bracket to the slat wall by engaging said first lip with the first upwardly facing slat, and passing said at least a first screw through said at least an eighth hole and engaging the slat wall;

attaching said second bracket to said first bracket by passing said at least a second bolt through said at least a ninth hole and said at least one slot, and securing said corresponding nut on said at least a second bolt; and

connecting said second bracket to the slat wall by engaging said second lip with the second upwardly facing slat, and passing said at least a second screw through said at least a tenth hole and engaging the slat wall.

61. The system as described in claim 51, further comprising:

a first bracket having a third flange and a fourth flange substantially perpendicularly attached to said third flange, said fourth flange having a first lip adapted to engage an upwardly facing slat; said third flange having at least a seventh hole, at least an eighth hole, and at least one slot;

at least a first bolt;

at least a first screw;

a second bracket having a fifth flange and a sixth flange substantially perpendicularly attached to said fifth flange, said fifth flange having at least a ninth hole, and said sixth flange having a second lip adapted to engage a downwardly facing slat and at least a tenth hole;

at least a second bolt and corresponding nut; and

at least a second screw.

62. The system as described in claim 61, wherein said wall mount is assembled by:

connecting said shaft holder to said first flange by passing a first one of said plurality of threaded rods through said third hole and said first hole, and securing said nut on said first threaded rod;

attaching said first bracket to said first member by passing said at least a first bolt through said at least a seventh hole and said at least a fourth hole;

connecting said first bracket to the slat wall by engaging said first lip with the first upwardly facing slat, and passing said at least a first screw through said at least an eighth hole and engaging the slat wall;

attaching said second bracket to said first bracket by passing said at least a second bolt through said at least a ninth hole and said at least one slot, and securing said corresponding ~~nut on said at least a second bolt; and~~